

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/054824 A1

(51) International Patent Classification⁷: **G01N 21/03**,
21/15, 1/28, 1/38

(21) International Application Number:
PCT/IL2003/001038

(22) International Filing Date: 8 December 2003 (08.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (*for all designated States except US*): **MAPAL
INTRO LTD.** [IL/IL]; 3 Hashaked St., 46915 Rishpon (IL).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **BEN DAVID**, Tsur
[IL/IL]; Vitkin 11, 47263 Ramat Hasharon (IL).

(74) Agent: **REINHOLD COHN AND PARTNERS**; P.O.Box
4060, 61040 Tel Aviv (IL).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A MEASURING CELL

(57) Abstract: The invention relates to a spectrophotometric measuring cell, useful for automated reagent mixing and for handsfree physical cleansing comprising: a measuring cell; a shaker; and an actuator. The invention also relates to a method for automatically mixing of fluids and/or reagents and for handsfree physical cleansing of the inner core of spectrophotometric measuring cells.

WO 2005/054824 A1